

**IN THE CLAIMS:**

1. (Canceled)
2. (Withdrawn) A method for manufacturing an ink jet recording head, comprising the steps of:
  - forming a first resin for defining a configuration of an ink chamber on a substrate on which a heating resistor is provided;
  - forming a second resin which covers the first resin, the second resin being for forming the ink chamber;
  - defining an ink discharge section by removing a part of the second resin;
  - forming a stepped portion along the ink chamber by removing the second resin while leaving a part of the second resin serving as a wall portion of the ink chamber; and
  - forming the ink chamber by removing the first resin.
3. (Withdrawn) A method for manufacturing an ink jet recording head according to claim 2, wherein the first resin is a resist of positive type.
4. (Withdrawn) A method for manufacturing an ink jet recording head according to claim 2, wherein the first resin is coated on the substrate in a spin-coating method, and the first resin is solidified by the first resin being cured together with the substrate.

5. (Withdrawn) A method for manufacturing an ink jet recording head according to claim 2, wherein the first resin defining the configuration of the ink chamber is formed by dry-etching with oxide-plasma.

6. (Withdrawn) A method for manufacturing an ink jet recording head according to claim 2, wherein the second resin is a resist of negative type.

7. (Withdrawn) A method for manufacturing an ink jet recording head according to claim 2, wherein the second resin is coated on the substrate in a spin-coating method, and the second resin is solidified by the second resin being cured together with the substrate.

8. (Withdrawn) A method for manufacturing an ink jet recording head according to claim 2, wherein the ink discharge section is defined by dry-etching.

9. (Withdrawn) A method for manufacturing an ink jet recording head according to claim 2, the method further comprising the step of forming an ink supplying opening on the substrate from a back side of the substrate, wherein the ink supplying opening is formed after the ink discharge section is defined.

10. (Withdrawn) A method for manufacturing an ink jet recording head according to claim

2, wherein the second resin has laminated structure having a plurality of layers, each of the layers being of the same substance.

11. (Currently Amended) An ink jet cartridge ~~comprising~~ having an ink tank and an ink jet recording head, the ink jet recording head comprising:

a substrate;

a resin body, which defines an ink discharge section, formed on the substrate; and

a heating resistor provided on the substrate, an ink chamber being formed between the heating resistor and the ink discharge section, the resin body being dug down along the ink chamber to form a wall portion of the ink chamber, a thickness of the resin body at a region outside the wall portion of the ink chamber being thinner than that of the wall portion; ~~and~~  
an ink tank.

12. (Currently Amended) An ink jet printer ~~comprising~~ having an ink jet recording head, the ink jet recording head comprising:

a substrate;

a resin body, which defines an ink discharge section, formed on the substrate; and

a heating resistor provided on the substrate, an ink chamber being formed between the heating resistor and the ink discharge section, the resin body being dug down along the ink chamber to form a wall portion of the ink chamber, a thickness of the resin body at a region outside the wall portion of the ink chamber being thinner than that of the wall portion.

13. (Currently Amended) An ink jet recording head according to ~~claim 1~~, wherein  
comprising:

a substrate;

a resin body, which defines an ink discharge section, formed on the substrate; and

a heating resistor provided on the substrate, an ink chamber being formed between the  
heating resistor and the ink discharge section,

wherein the resin body is dug down along the ink chamber to form a wall portion of the  
ink chamber, and a thickness of the resin body at a region outside the wall portion of the ink  
chamber is thinner than that of the wall portion.

14. (Canceled)

15. (Withdrawn) A method for manufacturing an ink jet recording head according to claim  
2, further comprising the step of forming an open region into which the coated second resin is  
entered.

16. (New) An ink jet recording head according to claim 13, wherein the resin body includes  
a laminated structure having a plurality of layers.

17. (New) An ink jet recording head according to claim 13, the resin body comprising:  
a first resin body at which a removed region is formed, and  
a second resin body, a portion of which is provided in the removed region and on the first resin body.